

7969-276

9/16/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Craig D. Kleppe, Ph.D.
BASF Corporation
26 Davis Drive, PO Box 13528
Research Triangle Park, NC 27709

SEP 16 2014

Subject: Label amendment to add new uses for applications around olive trees;
associated with:
Tolerance petition 4F8229
Product Name(s): *Kixor Herbicide Technical;*
& *Treevix powered by Kixor Herbicide*
EPA Reg. Number(s): 7969-275 & 7969-276
Decision Number(s): 486542 & 486543

Dear Dr. Kleppe:

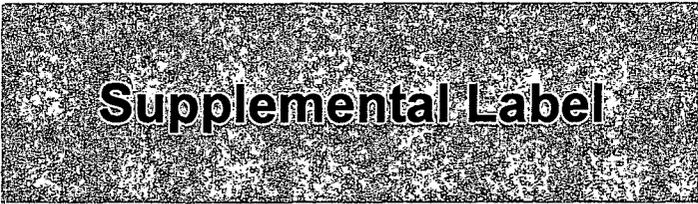
The labeling referred to above, submitted in connection with registration in accordance with FIFRA section 3(C)(5), as amended, is acceptable, provided that you submit and/or cite all data required for reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Stamped copies of the approved labeling for these products are enclosed/attached for your records. At your next label printing, or within eighteen (18) months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling. If you have questions or concerns regarding this letter, please contact Beth Benbow at (703) 347-8072 or email at benbow.bethany@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

Kathryn V. Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)



Treevix[®]

Powered by Kixor[®] Herbicide

For postemergence-directed broadleaf weed control in olive trees

This supplemental label expires August 31, 2017, and must not be used or distributed after this date.

Active Ingredient:

saflufenacil: N'-[2-chloro-4-fluoro-5-(3-methyl-2,6-dioxo-4-(trifluoromethyl)-3,6-dihydro-1(2H)-pyrimidinyl)benzoyl]-N-isopropyl-N-methylsulfamide..... 70.00%

Other Ingredients:..... 30.00%

Total:..... 100.00%

Contains 0.7 pound active ingredient saflufenacil per pound formulated as a water-dispersible granule (WG).

EPA Reg. No. 7969-276

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Treevix[®] herbicide** container label, EPA Reg. No. 7969-276, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Treevix** before applying.
- Use of **Treevix** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Treevix**.

banded application, or spot application directed at the base of the tree trunks while targeting emerged broadleaf weeds. Spray contact of tree foliage, flowers, buds, or fruit directly by improper nozzle orientation or indirectly by physical drift will result in crop injury. The use of shielded sprayers is highly recommended when applying in olive trees with low-hanging branches and fruit.

Application can be made to newly planted or replacement olive trees, but olive trees must be established for at least 9 months before application.

Trunk shields should be used until adequate bark has formed to protect trees from potential herbicide injury (typically by 2 to 3 years after establishment).

Treevix may be applied in a single application or sequentially up to 3 times per year. Sequential applications must be separated by at least 21 days.

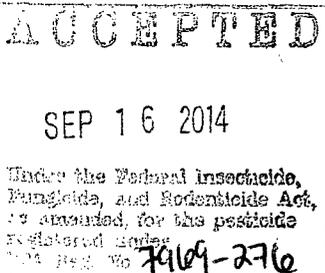
Use Information

Treevix provides contact burndown broadleaf weed control (refer to **Table 1** on the main product container label for weeds controlled) in bearing and nonbearing olive production. **Treevix** does not control grass weeds and must be used sequentially or tank mixed with a grass herbicide for a complete weed control program in olive trees.

Additional Dormant Period Application in Olive Trees. **Treevix** may be applied sequentially up to 4 times per year only if one or two of the applications occur during the period of postharvest to the beginning of bloom. Apply **Treevix** at 1.0 oz/A per application during the period of postharvest until trees begin to bloom. **Treevix** applications may only resume after olive trees have begun the fruiting stage. A maximum of three **Treevix** applications are permitted while trees

Application Method, Rates, and Timings

Apply **Treevix** at 0.5 to 1.0 oz/A plus the recommended adjuvants (refer to **Additives** section on main product container label for details) as a postemergence-directed spray as a uniform broadcast application,



are in the fruiting stage until crop harvest. Sequential applications must be separated by at least 21 days regardless of the time of year. **DO NOT** apply **Treevix® herbicide** more than 4 times per cropping season (i.e. if two applications are made in the postharvest period, then a maximum of only two applications can be made during fruiting stage until crop harvest).

Spot Treatment. Consult the following chart for the amount of **Treevix** to make various gallons of spray mix to use for spot treatments applied to actively growing broadleaf weeds and sizes referenced in **Table 1** (on the main product container label). Spray thoroughly to wet weed foliage but not to the point of runoff. To maximize performance, the recommended adjuvant and rate (refer to **Additives** section on main product container label for details) must to be added to the spray mix. Each spray mix is equivalent to applying **Treevix** at a use rate of 1.0 oz/A in a spray volume of 100 gallons per acre. Applications of a spot spray mix should not be made to an equivalent area less than what is shown in the chart or exceed the equivalent broadcast rate of 1.0 oz/A. Spot treatments may be applied by an ATV-mounted (all-terrain vehicle-mounted) or tractor-mounted sprayer equipped for low-pressure hand wand applications. **DO NOT** apply spot treatments using high-pressure hand wands.

Tank Mixes

Broad-spectrum postemergence control of additional annual and perennial weeds will usually require a tank mix with a herbicide such as glyphosate. **Treevix** may be tank mixed or applied sequentially with one or more of, but not limited to, the following herbicide products for additional burndown or residual weed control:

- **Poast® herbicide**
- **Prowl® H2O herbicide**
- glyphosate (e.g. **Roundup® herbicide**)

Gallons Spray Mix	Spray Mix Treatment Area (sq ft)	Treevix (ozs)	Treevix (grams)
1.0	436	0.010	0.3
2.5	1,089	0.025	0.7
5.0	2,178	0.050	1.4
10.0	4,356	0.100	2.8
25.0	10,890	0.250	7.1

Crop-specific Restrictions and Limitations

- **DO NOT** apply more than 1.0 oz/A of **Treevix** in olive trees in a single application.
- **DO NOT** apply more than a maximum cumulative amount of 3.0 ozs/A of **Treevix** per cropping season or more than a maximum cumulative amount of 4.0 ozs/A per cropping season when using the **Additional Dormant Period Application**. **DO NOT** apply more than a maximum cumulative amount of 4.0 ozs/A of **Treevix** on an annual basis.
- **Treevix** may be applied any time up to or on the day of olive harvest.
- **DO NOT** use in tree nurseries.

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Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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Roundup is a registered trademark of Monsanto Technology LLC.

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The Chemical Company